CALIFORNIA, South Central 0801/13 00:00 PST 0 0 Wildine (CA-2093) S SIERRA FOOTHILLS 0 0 Wildine (CA-2093) S SIERRA FOOTHILLS 0 0 Wildine (CA-2093) S SIERRA FOOTHILLS 0 Wildine 0 (CA-2093) KERN CTY MINS 0 0 Wildine (CA-2095) KERN CTY MINS 0 Wildine 0 (CA-2095) KERN CTY MINS 0 0 Wildine (CA-2095) KERN CTY MINS 0 0 0 0 (CA-2095) KERN CTY MINS 0 0 0 0					
BR01/13 00:00 PST 0 Wildfre 003113 23:59 PST 0 The Aspen Fire was in the Sierra NF and the ignition oxes or 20 72/31. The cause was lighting and the iccation was 7 Miles North-NorthWest of Big Creek (France County) and the size was 22,992 acres. Containment was reached on 98/13 and the cost to containment was 532,293,000 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Wildfre CAC2095 KERN CTY MTNS BX/16/13 00:00 PST 0 Succeit and The ignition dets was 8/16 cacused by lighting. The location was near Democrat (Kern County) and the size was 411 acras. Containment was reached on 8/221 and the cost to containment was \$950,000. County and the size was 411 acras. Containment was reached on 8/22 and the cost to containment was \$950,000. Flash Flood (due to Heavy Rain) 08/18/13 15:50 PST 0 Source: Law Enforcement Flash Flood (MILDF PST, 117:20). L3 S	(CA-Z093) S SIERRA FOOTHILLS				
DB31112 22:59 PST 0 The Aspen Fire was in the Sigeras NF and the lightlion was on 7/2213. The cause was lightlinb and the location was 7 and the cost to containment was \$32,283,100. North Aorthwest of Big Greek (Freune County) and the size was 22,992 acces. Containment was reached on 98/313 and the cost to containment was \$22,283,100. (C4-2096) KERN CTY MTNS 0 Wildlite 08/18/13 00:00 PST 0 Wildlite 08/18/13 00:00 PST 0 Wildlite (C4-2096) KERN CTY MTNS 0 Nildlite (C4-2096) KERN CTY MTNS 0 Source Law Endocotes (C4-2096) KERN CTY MTNS 08/18/13 00:00 PST 0 Nildlite (C4-2096) KERN CTY MTNS 08/18/13 00:00 PST 0 Source Law Endocotes (C4-2096) KERN CTY MTNS 08/18/13 00:00 PST 0 Source Law Endocotes (C4-2096) KERN CTY MTNS 0 Source Law E	· · ·				
The Aspen Fire was in the Sierra NF and the lightlion was on 722113. The cause was lightning and the location was 7 Miles North-Andrithwest of Big Oresk (Freano County) and the size was 22,092 acres. Containment was reached on 9/8/13 and the cost to containment was \$32,283,100. (G4-2059) KERN CTY MTN8 0 08/19/13 00:00 PST 0 08/19/13 10:00 PST 0 08/19/13 10:00 PST 0 08/19/13 10:00 PST 0 08/19/13 11:15 PST 0 State was 411 acres. Containment was 8/16 caused by lightning. The location was near Democrat (Kern County) and the size was 411 acres. Acreated on 8/27 and the cost to containment was 8/16 caused by lightning. The location was near Democrat (Kern County) and the size was 411 acres. Acreated on 8/27 and the cost to containment was 8/16 caused by lightning. The location was near Democrat (Kern County) and the size was 411 acres. Containment was 8/16 caused by lightning.		08/01/13 00:00 PST		0	Wildfire
North-Northwest of Big Creek (Freeno County) and the size was 22,992 acres. Containment was reached on 9/8/13 and the cost to containment was 53,289,100. (CA-2959 (KERN CTY MTNS		08/31/13 23:59 PST		0	
08/18/13 00:00 PST 08/22/13 00:00 PST 0 Wildfire 0 The Shirley wildfire occurred in the Sequel R and the ignition accurred on 8/18/13 due to lightnings strikes. The location was Democrat and Alta Siera (Kem County). The size was 7M acres and containment was reached on 8/22/13. The cost to containment was 51.9 Million. 0 Wildfire (GA.2096) KERN CTY MTNS 0 Wildfire 0 Wildfire (GA.2096) KERN CTY MTNS 0 Wildfire Wildfire (GA.2096) KERN CTY MTNS 0 Wildfire (GA.2097) Mill the size was 411 acres. Containment was reached on 8/22 and the cost to containment was 5950,000. Wildfire (GA.2017) 0 08/18/13 14/66 PST 0 Source: Law Enforcement (Sa.2, -117.00] 08/18/13 16/66 PST 0 Source: Law Enforcement Else Flood on Highway 58 near Boron. The local CHP reported rock and flood debris. Source: Law Enforcement Source: Law Enforcement	North-Northwest of Big Creek (Fresno Cou	=	-	-	
002213 00:00 PST 0 The Shirley wildfire occurred in the Sequoia NF and the ignition occurred on 8/18/13 due to lightning strikes. The location was Democrat and Alta Slorra (Kern County). The size was 794 acres and containment was reached on 8/22/13. The cost to containment was \$1.9 million. (CA-2095) KERN CTY MTNS De/18/13 00:00 PST 08/22/13 00:00 PST 08/22/13 00:00 PST 0 Wildfire De/18/13 00:00 PST 08/22/13 00:00 PST 0 0 Wildfire CCA-2095) KERN CTY MTNS De/18/13 00:00 PST 08/22/13 00:00 PST 0 0 County) and the size was 411 acres. Containment was reached on 8/22 and the cost to containment was 580,000. Wildfire County 1 BGRON [35.00, -117.65], 1.6 SSE BORON [34.98, -117.64], 1.1 S BORON AIRSTRIP Source: Law Enforcement [35.02, -117.60] De/18/13 15.56 PST 0 Source: Law Enforcement Flash Flood on Highway 58 near Boron. The local CHP reported rock and flood debris. Source: Law Enforcement KERN COUNTY 0.9 NW GARLOCK [35.41, -117.79], 2.3 SSW GARLOCK [35.57, -117.79], 3.0 W SEALERS [35.46, -117.64] 0 08/19/13 07:18 PST 0 Source: Law Enforcement KERN COUNTY 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.46, -117.68], 1.6 SSE SEALERS [35.46, -117.69], 0.61/19/13 07:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Birown Road. Source: Law Enforcement	(CA-Z095) KERN CTY MTNS				
The Shirley wildfire occurred in the Sequeia NF and the ignition occured on 8/18/13 due to lightning strikes. The location was Democrat and Alta Silerra (Korn County). The size was 794 acres and containment was reached on 8/22/13. The cost to containment was \$1.9 (GA.2995) KERN CTY MTNS 0 Wildfire (GA.2995) KERN CTY MTNS 0 Nillefire (GA.2995) KERN CTY MTNS 0 Nillefire (GA.2995) KERN CTY MTNS 0 Source: Law Endocon AlRSTRIP (GA.291, 117.60] 0 Source: Law Enforcement (GA.291, 117.61) 0 Source: Law Enforcement (GB.29, -117.61) 0 Source: Law Enforcement (GA.291, 117.62) 0 Source: Law Enforcement (GA.291, 117.62) 0 Source: Law Enforcement		08/18/13 00:00 PST		0	Wildfire
and At Sierra (Kern County). The size was 794 acres and containment was reached on 8/22/13. The cost to containment was 51.9 (CA.2096) KERN CTY MTNS 0 08/12/13 00:00 PST 0 08/12/13 00:00 PST 0 Wildfire 0 COUNTY - BORON (35.00, -117.65), 1.6 SSE BORON (34.98, -117.64), 1.1 S BORON AIRSTRIP [34.98, -117.60], 1.3 NNW BORON AIRSTRIP [35.92, -117.60] 08/13/13 14:56 PST 50K Flash Flood (due to Heavy Rain) 08/13/13 15:56 PST 0 Source: Law Enforcement Flash Flood on Highway 58 near Boron. The local CHP reported rock and flood debris. KERN COUNTY - 0.9 NW GARLOCK (35.41, -117.79), 2.3 SSW GARLOCK (35.37, -117.79), 1.0 ESE JOHANNESBURG [35.36, -117.61], 1.0 SW SEALERS [35.47, -117.64] 08/19/13 07:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:18 PST 0 Source: Law Enforcement KERN COUNTY - 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.61], 1.6 SSE SEALERS [35.46, -117.62] 0 Source: Law Enforcement KERN COUNTY - 7.6 WSW DEMOCRAT SPGS [35.49, -112.79], 7.4 NW BENA [35.43, -117.77], 3.0 W SEALERS [35.46, -117.69], 1.6 SSE SEALERS [35.46, -117.61] 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Interesection of US 395 and Brown Road.		08/22/13 00:00 PST		0	
08/18/13 00:00 PST 0 Wildfire 08/22/13 00:00 PST 0 Wildfire Councy and the size was 4/13 cores. Containment was setcled on 8/22 and the cost to containment was sets0,000. Hor sense near Democrat (Kern County) and the size was 4/13 cores. Containment was reached on 8/22 and the cost to containment was sets0,000. Hor Sense Near Sets0,000. CREN COUNTY BORON [35.00, -117.65], 1.8 SE BORON [34.98, -117.64], 1.1 S BORON AIRSTRIP 50K Flash Flood (due to Heavy Rain) 08/18/13 14:56 PST 50K Flash Flood (due to Heavy Rain) Source: Law Enforcement 08/18/13 14:56 PST 0 Source: Law Enforcement Source: Law Enforcement Flash Flood on Highway 58 near Boron. The local CHP reported rock and flood debris. UR19/13 05:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:18 PST 0 Source: Law Enforcement Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. Source: Law Enforcement Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. Flash Flood (due to Heavy Rain) Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. Flash F	and Alta Sierra (Kern County). The size wa Million.	-	-	-	
08/22/13 00:00 PST 0 The Tenant wildfire was in the Sequela NF and the ignition date was 8/18 caused by lightning. The location was new Democrat (Kem Councily) and the size was 4/11 acres. Containment was reached on 8/22 and the cost to containment was \$\$50,000. KEEN COUNTY BORON [35.00, -117.65], 1.6 SSE BORON [34.98, -117.64], 1.1 S BORON ARSTRIP [34.98, -117.60], 1.3 NNW BORON AIRSTRIP [35.02, -117.60], 08/18/13 15:56 PST 08/18/13 15:56 PST 0 Source: Law Enforcement Flash Flood (due to Heavy Rain) 08/19/13 05:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:18 PST 0 Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State High	(CA-Z095) KERN CTY MTNS				1471.15
The Tenant wildfire was in the Sequoia NF and the ignition date was 8/18 caused by lightning. The location was near Democrat (Kern County) and the size was 411 acres. Containment was reached on 8/22 and the cost to containment was \$950,000. KERN COUNTY BORON [35.00, -117.65], 1.6 SSE BORON [34.98, -117.64], 1.1 S BORON AIRSTRIP [34.98, -117.60], 1.3 NNW BORON AIRSTRIP [35.02, -117.60] 08/18/13 14:56 PST 50K Flash Flood (due to Heavy Rain) 08/18/13 14:56 PST 0 Source: Law Enforcement Flash Flood on Highway 58 near Boron. The local CHP reported rock and flood debris. KERN COUNTY 0.9 NW GARLOCK [35.41, -117.79], 2.3 SSW GARLOCK [35.37, -117.79], 1.0 ESE JOHANNESBURG [35.36, -117.61], 1.0 SW SEALERS [36.47, -117.64] 08/19/13 05:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:16 PST 0 Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. KERN COUNTY 6.8 SSW RIDGECREST [35.56, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.68], 1.6 SSE SEALERS [36.46, -117.62] 08/19/13 07:39 PST 0 Flood (due to Heavy Rain) 08/19/13 07:39 PST 0 Source: Law Enforcement Reads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.53, -118.70] 0/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudsildes blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NWW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)					vvildtire
County and the size was 411 acres. Containment was reached on 8/22 and the cost to containment was \$950,000. KERN COUNTY BORON [35.00, -117.65], 1.6 SSE BORON [34.96, -117.64], 1.1 S BORON AIRSTRIP [34.98, -117.60], 1.3 NNW BORON AIRSTRIP [35.02, -117.60] [35.02, -117.60] 08/18/13 14:56 PST 50K Flash Flood (due to Heavy Rain) 08/18/13 15:56 PST 0 Source: Law Enforcement Flash Flood on Highway 58 near Boron. The local CHP reported rock and flood debris.					
08/18/13 15:56 PST 0 Source: Law Enforcement Flash Flood on Highway 58 near Boron. The local CHP reported rock and flood debris. KERN COUNTY 0.9 NW GARLOCK [35.41, -117.79], 2.3 SSW GARLOCK [35.37, -117.79], 1.0 ESE JOHANNESBURG [35.36, -117.61], 1.0 SW SEALERS [35.47, -117.64] 08/19/13 05:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:18 PST 0 Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. KERN COUNTY 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.68], 1.6 SSE SEALERS [35.46, -117.62] 0 Flood (due to Heavy Rain) 08/19/13 07:39 PST 0 Flood (due to Heavy Rain) 08/19/13 08:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W Democrat SPGS [35.53, -118.70] 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kem Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1			, 1.1 S BORON AI	_	-
KERN COUNTY 0.9 NW GARLOCK [35.41, -117.79], 2.3 SSW GARLOCK [35.37, -117.79], 1.0 ESE JOHANNESBURG [35.36, -117.61], 1.0 SW SEALERS [35.47, -117.64] 08/19/13 05:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:18 PST 0 Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. KERN COUNTY 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.46, -117.62] 08/19/13 07:39 PST 0 Flood (due to Heavy Rain) 08/19/13 08:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. Source: Law Enforcement KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.5, .117.70] 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. Several hours. Several 08/19/13 17:00					
SEALERS [35.47, -117.64] 08/19/13 05:18 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 07:18 PST 0 Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. CERN COUNTY 5.6 SSW RIDGECREST [35.56, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.68], 1.6 SSE SEALERS 35.46, -117.62] 0 Flood (due to Heavy Rain) 08/19/13 07:39 PST 0 Flood (due to Heavy Rain) 08/19/13 08:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. CERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.53, -118.70] 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement cocal CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several release tuck in the canyon.	Flash Flood on Highway 58 near Boron. The	e local CHP reported rock and flood	d debris.		
08/19/13 07:18 PST 0 Source: Law Enforcement A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. Kern COUNTY 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.68], 1.6 SSE SEALERS 35.46, -117.62] 0 Flood (due to Heavy Rain) 08/19/13 07:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. Source: Law Enforcement KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DemoCRAT SPGS [35.53, -118.70] 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several .cocal CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut for several hours. Several .cocal CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several .cocal CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several .08/19/13 17:00	_	1, -117.79], 2.3 SSW GARLOCK [3	5.37, -117.79], 1.0) ESE JOHANNESE	BURG [35.36, -117.61], 1.0 SW
A flash flood caused road closures at US 395 and Garlock/Redrock Randsburg Roads. State Highway 14 also closed. KERN COUNTY 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.68], 1.6 SSE SEALERS [35.46, -117.62] 0 Flood (due to Heavy Rain) 08/19/13 07:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. Source: Law Enforcement KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.53, -118.70] 0 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)		08/19/13 05:18 PST		0.10M	Flash Flood (due to Heavy Rain)
KERN COUNTY 5.6 SSW RIDGECREST [35.55, -117.70], 5.9 SW RIDGECREST [35.56, -117.75], 3.0 W SEALERS [35.48, -117.68], 1.6 SSE SEALERS [35.46, -117.62] 0 Flood (due to Heavy Rain) 08/19/13 07:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W D8/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Source: Law Enforcement S		08/19/13 07:18 PST		0	Source: Law Enforcement
[35.46, -117.62] 08/19/13 07:39 PST 0 Flood (due to Heavy Rain) 08/19/13 08:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 \$ DEMOCRAT \$PGS [35.47, -118.67], 1.9 W D8/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Source: Law Enforcement Loccal CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. RFESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13]<	A flash flood caused road closures at US 395	5 and Garlock/Redrock Randsburg	Roads. State Hiç	ghway 14 also close	ed.
08/19/13 07:39 PST 0 Flood (due to Heavy Rain) 08/19/13 08:39 PST 0 Source: Law Enforcement Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.53, -118.70] 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)	-	35.55, -117.70], 5.9 SW RIDGECR	EST [35.56, -117.7	75], 3.0 W SEALER	RS [35.48, -117.68], 1.6 SSE SEALERS
Roads were closed in Ridgecrest due to flooding near the Intersection of US 395 and Brown Road. KERN COUNTY 7.6 WSW DEMOCRAT SPGS [35.48, -118.79], 7.4 NW BENA [35.43, -118.77], 4.3 S DEMOCRAT SPGS [35.47, -118.67], 1.9 W DEMOCRAT SPGS [35.53, -118.70] 08/19/13 16:46 PST 0.10M 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)	• • •	08/19/13 07:39 PST		0	Flood (due to Heavy Rain)
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DEMOCRAT SPGS [35.53, -118.70] 08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)	Roads were closed in Ridgecrest due to flood	ding near the Intersection of US 39	95 and Brown Roa	d.	
08/19/13 16:46 PST 0.10M Flash Flood (due to Heavy Rain) 08/19/13 17:46 PST 0 Source: Law Enforcement Local CHP reported rocks and mudslides blocking Highway 178 at the Mouth of the Kern Canyon. The road was shut down for several hours. Several vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)		PGS [35.48, -118.79], 7.4 NW BEN	A [35.43, -118.77]	, 4.3 S DEMOCRA ⁻	T SPGS [35.47, -118.67], 1.9 W
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Vehicles were stuck in the canyon. FRESNO COUNTY 1.5 NNW DUNLAP [36.75, -119.13] 08/19/13 17:00 PST 20K Thunderstorm Wind (EG 43 kt)		08/19/13 17:46 PST		0	Source: Law Enforcement
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08/19/13 17:00 PS I 0 Source: Public	vehicles were stuck in the canyon.				
	vehicles were stuck in the canyon.	08/19/13 17:00 PST			

Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/13 17:45 PST		0.20M	Thunderstorm Wind (EG 50 kt)
	08/19/13 17:55 PST		0	Source: NWS Storm Survey

A NWS official storm survey was conducted on wind damage caused by severe thunderstorms. Minor roof damage was evident to a house, three utility poled were topped or damaged, several small trees and one large tree were downed, in addition to an extensive amount of tree and trash debris in the area. Winds were estimated at 60 mph based on the damage survey indicators.

KERN COUNTY 3.5 S ALTA SIEF	RRA [35.68, -118.54]			
	08/19/13 18:00 PST	0	Heavy Rain	
	08/19/13 18:00 PST	0	Source: Broadcast Media	
Broadcast media reported some sma	all hail and heavy rain. The rainfall total was 2 inch	es.		
MADERA COUNTY 3.5 NE DAIR	YLAND [37.06, -120.28]			
	08/19/13 19:27 PST	10K	Thunderstorm Wind (EG 48 kt)	
	08/19/13 19:27 PST	0	Source: Trained Spotter	
A pine tree was downed.	08/19/13 19:27 PST	0	Source: Trained Spotter	
A pine tree was downed. (CA-Z094) TULARE CTY FOOTHILL		0	Source: Trained Spotter	
		0 55K	Source: Trained Spotter High Wind (MAX 50 kt)	

High pressure had strengthened by the third week of August and lasted for the remainder of the month over much of the western states and even into the Midwest. August 18th saw the return of monsoonal moisture to the region as a warm, moist airmass wrapped around the upper-level ridge. This airmass brought thunderstorms to the mountains and deserts, especially in Kern and southern Tulare Counties. A strong thunderstorm near Boron produced ½-inch hail during the afternoon of the 18th, and caused flooding near the Boron rest area on Highway 58.

An upper-level low approached the California coast on the 19th, drawing very warm air into the central California interior from the south. Temperatures climbed to their highest readings of the month, with Fresno reaching 110 degrees, and Bakersfield hitting 108. Thunderstorms developed over the mountains and deserts, with some drifting into the San Joaquin Valley during the afternoon and evening hours. Garlock and Red-Rock-Randsburg Road in the eastern Kern County desert was closed due to flooding around sunrise, with flooding on U.S. 395 reported a couple of hours later. Quarter-inch hail fell near Lake Isabella during the early afternoon, and mud and debris flows blocked Highway 178 in the Kern River Canyon. There was a media report of a 1.90 inch storm total rainfall in the Lake Isabella area.

An early evening thunderstorm on the 19th dropped quarter-inch hail on Fresno. Outflow winds from collapsing thunderstorms caused roof damage east-southeast of Lemon Cove, and a 30-foot flag pole was blown over. Trees and utility lines were downed in Woodlake. In the Southern Sierra Nevada foothills, winds damaged fences in the town of Dunlap, northeast of Squaw Valley, and downed trees and utility lines in Springville. High winds also brought down a 30 foot flag pole and caused roof damage 2 miles ESE of Lemon Cove.

Clouds persisted over the region through August 20th, keeping night-time temperatures warm. Fresno set back-to-back record high minimum temperatures on the 19th and 20th, as well as a record high on the 19th of the aforementioned 110 degrees. The previous record high for August 19th had been 108 degrees, set more than a century ago in 1892.

The upper-level low remained off the coast, resulting in a deepening of the marine layer. The influx of marine air into the San Joaquin Valley brought cooler temperature to the region on August 23rd. Fresno had a high of 96 degrees, snapping the string of 100-degree days, and would not see 100 again until the 28th.

The weather for the last 10 days of the month was dominated by a combination of monsoonal moisture and tropical moisture from the remnants of back-to-back tropical storms—Ivo and Juliette—that formed off the southern tip of Baja California. Thunderstorms that formed over the Kern and Tulare County mountains brought locally heavy rainfall, resulting in some flash flooding. There was a bit of a respite from convective activity on August 28th-30th as the upper-level ridge briefly strengthened, but thunderstorms returned to close out the month.

A mix of clouds and wildfire smoke kept the morning of August 31st warm, with both Fresno and Bakersfield coming within a degree of their record high minimum temperatures for the date. The clouds also heralded thunderstorm development, with activity beginning during the morning hours. Of particular concern were thunderstorms that developed over northeastern Ventura County and moved northward toward Frazier Park. By early afternoon, road flooding was reported in the Frazier Park area, with mud and debris flows subsequently reported in the Frazier Park and Lake of the Woods area. One thunderstorm near Lake of the Woods produced dime-size hail. Thunderstorms also developed over the Sierra Nevada in southeastern Tulare County that produced locally heavy rains. By late afternoon, the thunderstorm activity had diminished, ending the threat of flash flooding.

Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
Wildfire activity due to lightning increased	significantly in August comp	ared to the previous n	nonth, especially	due to the thunderstorms
of August 18th-19th. Smoke from wildfires	was a persistent problem thr	ough the month of Au	gust. At the begin	ning of the month,
night-time drainage winds carried smoke f	rom the Aspen fire into the S	an Joaquin Valley. For	the latter half of t	he month, smoke from
the massive Rim fire near Yosemite, and to	a lesser extent the Fish fire	in Tulare County, was	a major concern f	or interior central
California, as high pressure moved well int	o central California. The nea	rly calm surface and m	nid-level winds we	re too light to scour the

smoke and haze that was trapped over much of the San Joaquin Valley.

Fresno had 13 triple-digit days in August—giving it the 15th warmest August on record—while Bakersfield only experienced four triple digit days in August. For the year through August 31st, Fresno had 46 days with highs of 100 degrees or higher, while Bakersfield had 33 such days. Fresno had its warmest "meteorological summer" (June 1st to August 31st) on record, while Bakersfield tied its seventh warmest "meteorological summer".

(CA-Z097) TULARE CTY MTNS			
	08/23/13 00:00 PST	0	Wildfire
	08/31/13 23:59 PST	0	

The Fish widlfire was in the Sequoia NF and the ignition date was 8/23/13. The cause was lightning and the location was 25 Miles Northeast of Springville (Tulare County). The size was 2060 acres and containment was reached on 9/5/13. The cost to containment was \$4.52 Million.

(CA-Z096) S SIERRA MTNS			
	08/23/13 00:00 PST	0	Wildfire
	08/31/13 23:59 PST	0	

The Windy Peak wildfire was in Sequoia-Kings Canyon NP and the ignition was 8/23/13 and the cause was from lightning strikes. The location was 14 Miles North of Cedar Grove (Fresno County). The size was 681 acres and containment was finally reached on 10/20/13. The cost to containment was \$80,000.